

ABSTRACTROUND-TRIP MAINTENANCE OF SOFTWARE CONFIGURATION

5

A method of software development comprising the steps of determining, through Java reflection API calls, a current software signature for each Java object, from a Java software application comprising Java application code, to be administered by a software development wizard, retrieving from a deployment descriptor a Java object deployment description for each said Java object, and detecting changes in the Java application code, wherein detecting changes includes contrasting the current software signatures and the retrieved Java object deployment descriptions. Exemplary embodiments also include displaying, for user revision through a user interface, representations of the detected changes in the Java application code, wherein user revision includes user confirmation of detected changes, recording user revisions in the deployment descriptor, and conforming the Java application code to the user revisions.

10

15